What we want to be	Materiality	The value we bring to society	Related SDGs	Risks	Opportunities	Main initiatives
A company to contribute to carbon neutrality and digital society with our unique ceramic technologies	Initiatives for climate change	We will tackle carbon neutrality throughout the value chain and aim for net-zero CO_2 emissions in our business activities. By accelerating the development of carbon neutrality-related products through the use of data and digital technologies, and by developing and providing products and services with our unique ceramic technologies at the core, we will contribute to the realization of a carbon-neutral society by 2050.	SDGs 7, 13	– Shrinking of internal combustion engine-related markets – Effects of natural disasters on operations – Geopolitical risks – Increase in costs due to greenhouse gas reduction and energy conversion – Damage to brand reputation	– Expansion of CN-related business opportunities – Reduction of costs – Enhancement of our brand reputation	Global warming mitigation measures (Business processes) Assessment and disclosure of emissions The NGK Group's CN-related products and services Risk assessment and countermeasures based on climate scenarios (Adaptation measures) Utilization of sustainable financing Cooperation with external organizations
	Promotion of resource recycling	By developing and providing resource-efficient products and services through means including the sustainable use of natural resources, the recycling of wastes, and the utilization of alternative materials, we will contribute to the effective use of resources and to the promotion of resource recycling. Through the development and provision of products and services accompanied by water stress assessments at production sites and by highly efficient water use in production processes, we will also contribute to the effective use of water resources.	SDGs 6, 8, 9, 12, 14, 15	Resources – Depletion of resources; price inflation – Geopolitical risks – Delays in responses to resource conservation and resource reuse Water resource security – Damage to brand reputation – Impacts on operations; increase in costs – Water pollution	Resources – Expansion of business opportunities related to resource recycling – Expansion of business opportunities associated with the depletion of rare metals, etc. – Utilization of ceramic raw materials – Reduction of costs Water resource security – Enhancement of brand reputation – Expansion of business opportunities for water treatment-related products (membranes, etc.)	Resources Reduction of emissions Development of resource recycling-oriented business models Recycling technology development Water resource security Sharing of policies and fundamental stance Effective use of water resources Management of water risks Water treatment business-related products Cooperation with external organizations
	Prevention of environmental pollution	By developing and providing pollution prevention-related products and services using our unique ceramic technologies while enforcing proper management of chemicals and pollution prevention in our manufacturing processes, we will contribute to a safe and secure society.	SDGs 3, 6, 12, 14	– Compliance – Handling of air, water and wastes – Handling of chemical substances – Impacts on local communities – Shrinking of internal combustion engine-related business	– Expansion of exhaust gas-related business – Expansion of air and water quality-related business – Expansion of nuclear power-related waste treatment business	Management of chemicals Handling of exhausts and water discharge Operation of environmental management system The NGK Group's products and services that contribute to environmental protection Contribution to local communities
	Conservation and restoration of biodiversity	With all employees maintaining a mindset of environmental conservation, we will contribute to the conservation and restoration of biodiversity through the development and provision of products that contribute to environmental protection while minimizing environmental impacts on the ecosystem in our value chain.	SDGs 6, 14, 15	– Damage to brand reputation – Impacts on operations – Impacts on supply chains, etc.	– Enhancement of our brand reputation – Expansion of businesses and products with consideration of ecosystems	Participation in initiatives Cooperation with suppliers Biodiversity impact assessments and response Contribution through pollution prevention products and services Volunteer activities and greenery development
	Pursuit of quality and product safety	By pursuing trusted quality from the standpoint of our customers and by stably supplying safe and reliable products and services that exceed expectations, we will contribute to the creation of a better society.	SDGs 9, 11, 12	– Damage to brand reputation – Litigation risks	– Enhancement of our brand reputation – Enhancement of competitiveness – Expansion of business opportunities	Quality activity system Initiatives to improve quality of operation Quality risk reduction activities (QRE-P (Quality Risk Elimination-Process) activities) QuiC (Quality up innovation Challenge) activities Strengthening of quality management education Expanding quality assurance to service provision Guarantee of product safety
	Contribution to digital social infrastructure	We will continue contributing to the advancement of digital technologies globally through the supply of products based on our unique ceramic technologies. We also fulfill our responsibilities as a member of a cultural and secure digital society by establishing strong information security.	SDGs 9, 11	– Damage to brand reputation – Cyber attacks – Information leaks – Increase in the cost of security enhancement	– Expansion of business opportunities related to digital society, etc. – Enhancement of our brand reputation	Development of new digital-related products Expansion of digital-related business Sharing of policies and fundamental stance Creation of an organization and implementation for information security Education and training of information security Creation of an organization and education for personal information protection
	Enhancing value of human resource	We will add new value to society by developing an enriched and lively workplace environment where personnel with diverse experiences and values can play active roles, and each personnel autonomously embrace challenges and teamwork	SDGs 3, 5, 8	– Compliance – Damage to brand reputation – Declining competitiveness of recruitment and outflow of personnel – Human resource development – Rigidity of internal systems	– Recruitment and retention of personnel – Active participation of diverse personnel by DE&I promotion – Growth through human resource development – Productivity enhancement	Labor practices · Review of personnel systems · Work-life balance · Labor-management initiatives Diversity · Review of local recruitment policies · Programs to support our diversity promotion system · Initiatives to promote diversity Human resource development · Human resource development for employees · Securing and maintenance of human resources Occupational safety and health · Sharing of policies and fundamental stance · Initiatives for safety, health, and sanitation · External certification of our occupational safety and health management system · Safety and health education Health and productivity management · Sharing of policies and fundamental stance · Initiatives to shorten total working hours · Activities to promote mental and physical health · Tier-based mental care education · Initiatives to promote employee health · Response to infectious diseases and other global health issues
	Respecting human rights	We are committed to create a society that is free from violation of the human rights of all people impacted by our business activities by extending initiatives throughout our Company as well as our value chain to respect human rights.	SDGs 1, 2, 5, 8, 10, 16	– Damage to brand reputation – Impacts on business partners – Operational and litigation risks – Increase in costs and liabilities – Recruitment and human resources – Latent human rights risks and its actualization	– Enhancement of brand reputation – Recruitment and retention of personnel	Sharing of policies and fundamental stance Human rights risk investigation Initiatives for human rights due diligence Introduction of a grievance mechanism Human rights education Communication of human rights initiatives
	Promotion of sustainable procurement	Based on the three principles of "Open and Fair," "Partnership," and "Relationship with Society" in our basic procurement policy, we work with procurement partners that make up the supply chain to promote procurement that takes human rights, the environment, and fair business practices into account, thereby fulfilling our supply responsibilities and contributing to the happiness and sustainable development of society.	SDGs 10, 12, 13, 16, 17	Environment – Impacts on procurement due to increased environmental impact in the supply chain – Increase in costs due to measures to reduce CO_2 emissions, etc. – Demands from markets regarding waste and recycling – Depletion of raw materials and rare metals – Tightening of regulations on chemical substances Society – Damage to our brand reputation – Impacts on our business partners – Impacts on procurement	Environment – Enhancement of our brand reputation – Securing of stable procurement and reduction of costs through the utilization of alternative raw materials Society – Enhancement of our brand reputation – Building of a stable supply chain	Sharing of policies and fundamental stance Supply chain management system Risk assessment and monitoring of suppliers Requests and demands toward suppliers Support for suppliers' initiatives Product design envisioning sustainable procurement